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PTO/SB/08A (10-96)

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Complete if Known	
		Application Number	101 656010
		Filing Date	September 5, 2003
		First Named Inventor	Lee M. Pike
		Group Art Unit	1742
Examiner Name			
Sheet 1	of 2	Attorney Docket Number	030491

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
JS		1,836,317		Franks	December 15, 1931	
JS		3,203,792		Scheil et al.	August 31, 1965	
JS		3,871,928		Smith, Jr. et al.	March 18, 1975	
JS		4,006,012		Kindlimann	February 1, 1977	
JS		4,043,810		Acuncius et al.	August 23, 1977	
JS		4,118,223		Acuncius et al.	October 3, 1978	
JS		4,129,464		Matthews et al.	December 12, 1978	
JS		4,080,201		Hodge et al.	March 21, 1978	
JS		4,245,698		Berkowitz et al.	January 20, 1981	
JS		4,465,530		Kagohara et al.	August 14, 1984	
JS		4,533,414		Asphahani	August 6, 1985	
JS		4,818,486		Rothman et al.	April 4, 1989	
JS		4,906,437		Heubner et al.	March 6, 1990	
JS		5,019,184		Crum et al.	May 28, 1991	
JS		5,217,684		Igarashi et al.	June 8, 1993	
JS		5,338,379		Kelly	August 16, 1994	
JS		5,360,496		Kuhlman et al.	November 1, 1994	
JS		5,417,918		Kohler et al.	May 23, 1995	
JS		5,529,642		Sugahara et al.	June 25, 1996	
JS		5,556,594		Frank et al.	September 17, 1996	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
JS JS JS JS JS JS		JP	61-147834 A		Rikizo	12/19/84		
		JP	03-257131 A		Ichiro et al.	11/15/91		
		JP	07-011403		Masaaki et al.	01/13/95		
		JP	07-011404		Masaaki et al.	01/13/95		
		JP	52-148416 A		Ichirou et al.	6/4/76		
		WO	00/03053		Hibner	1/20/00		

Examiner Signature	<i>John P. Shuck</i>	Date Considered	6/28/2004
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				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	030491

## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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Examiner Signature	<i>[Signature]</i>	Date Considered	6/28/2004
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